

**DECLARATION
and POWER OF ATTORNEY**

PATENT (U.S.A.)
ATTORNEY'S DOCKET NO.

☐ ORIGINAL
☐ DIVISIONAL
☒ CONTINUATION

As a below named inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole inventor if only one name is listed at 4 below, or a joint inventor if plural inventors are named below at 1-4, of the invention entitled:

Liquid Crystal Display

Which is described and claimed in:

☐ the attached specification or
☒ the specification in application Serial No. 09/315,134 filed August 3, 1999 ☐ as amended on _____
(for declaration not accompanying application) (if applicable)

and for which a patent is sought, and that my residence, post office address and citizenship are as stated below next to my name.
I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56(a).
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.
I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(S)

| COUNTRY | APPLICATION NUMBER | DATE OF FILING Month Day Year | PRIORITY CLAIMED UNDER 35 U.S.C. 119 |
|---------|--------------------|----------------------------------|---|
| KOREA | 1996-10152 | April 4, 1996 | YES |

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

03/832,980 filed April 4, 1997 ALLOWED

(Application Serial No.)(Filing Date) (Status)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or Agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

STUART LUBITZ, Reg. No. 20,680; LOUIS A. MOK, Reg. No. 22,585; JOHN P. SCHERLACHER, Reg. No. 23,009; MICHAEL J. RAM, Reg. No. 26,379; HIDEO KODA, Reg. No. 27,729; JoANNE S. REDMANN, Reg. No. 31,482; SONG K. JUNG, Reg. No. 35,210; WILLIAM H. WRIGHT, Reg. No. 36,312; JONATHAN Y. KANG, Reg. No. 38,129; DAVID L. LUBITZ, Reg. No. 38,229; WEI-NING YANG, Reg. No. 38,690; KARLTON BUTTS, Reg. No. 39,126

Send correspondence to:
LOEB & LOEB LLP
10100 Santa Monica Blvd., 22nd Floor
Los Angeles, California 90067-4164

DIRECT TELEPHONE CALLS TO:
Song K. Jung
(202) 223-5700

(Please Print)

| | | | | | | |
|---|---------------------|---|-----------------------|-------------|-----------------------------|---------------------------------|
| 1 | Name of Inventor | LAST NAME KOMATSU | FIRST NAME Hiroshi | MIDDLE NAME | Residence: CITY Kumi-shi | STATE or COUNTRY KOREA |
| | Post Office Address | 120-506 Siyoung Apt., 368 Hyunggok-dong, Kumi-shi, Kyungsangbuk-do, KOREA | | | | COUNTRY OF CITIZENSHIP KOREA |
| 2 | Name of Inventor | LAST NAME | FIRST NAME | MIDDLE NAME | Residence: CITY | STATE or COUNTRY KOREA |
| | Post Office Address | | | | | COUNTRY OF CITIZENSHIP KOREA |
| 3 | Name of Inventor | LAST NAME | FIRST NAME | MIDDLE NAME | Residence: CITY | STATE or COUNTRY |
| | Post Office Address | | | | | COUNTRY OF CITIZENSHIP |
| 4 | Name of Inventor | LAST NAME | FIRST NAME | MIDDLE NAME | Residence: CITY | STATE or COUNTRY |
| | Post Office Address | | | | | COUNTRY OF CITIZENSHIP |

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| | |
|---|-------------------------|
| SIGNATURE OF INVENTOR 1 <i>Komatsu Hiroshi</i> | SIGNATURE OF INVENTOR 2 |
| DATE <i>1999. 9. 1.</i> | DATE |
| SIGNATURE OF INVENTOR 3 | SIGNATURE OF INVENTOR 4 |
| DATE | DATE |

COPY

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

ATTORNEY DOCKET NO.: 43694-

As a below named inventor, I hereby declare that:

5005

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

A LIQUID CRYSTAL DISPLAY

the specification of which:

is attached hereto; or

was filed as United States application Serial No. _____ on April 4, 1997 and was amended on _____ (if applicable); or

was filed as PCT international application Number _____ on _____ and was amended under PCT Article 19 on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119:

| COUNTRY (if PCT, indicate PCT) | APPLICATION NUMBER | DATE OF FILING (day, month, year) | PRIORITY CLAIMED UNDER 35 U.S.C. §119 |
|-----------------------------------|--------------------|--------------------------------------|---|
| Korea | 1996-10152 | 04 April 1996 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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Combined Declaration For Patent Application and Power of Attorney - (Continued)
(includes Reference to PCT International Applications)

ATTORNEY DOCKET NO.: 43694-5005

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. §120:

U.S. APPLICATIONS

STATUS (Check One)

U.S. APPLICATION NO.

U.S. FILING DATE

PATENTED

PENDING

ABANDONED

PCT APPLICATIONS DESIGNATING THE U.S.

STATUS (Check One)

PCT
APPLN. NO.

PCT FILING
DATE

U.S. SERIAL NO.

PATENTED

PENDING

ABANDONED

POWER OF ATTORNEY: as a named inventor, I hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Morgan, Lewis & Bockius LLP

Robert J. Gaybrick, Reg. No. 27,890; John G. Smith, Reg. No. 33,818; Song K. Jung, Reg. No. 35,210;
Michele Schafer, Reg. No. 34,717; Matthew T. Bailey, Reg. No. 33,829; Bruce G. Bernstein, Reg. No. 34,550;
John D. Zele, Reg. No. 39,887; Mary Jane Boswell, Reg. No. 33,652; and J. Michael Thesz, Reg. No. 40,354.

Send Correspondence To:

Morgan, Lewis & Bockius LLP
1800 M Street, N.W.
Washington, D.C. 20036-5869

Direct Telephone Calls To:
(name and telephone number)

Robert J. Gaybrick
(202) 467-7501

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Combined Declaration For Patent Application and Power of Attorney - (Continued)
includes Reference to PCT International Applications)

ATTORNEY DOCKET NO.: 43694-

5005

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| | | |
|-------------------------------------|---|---------------------------------|
| FULL NAME OF SOLE OR FIRST INVENTOR | Komatsu HIROSHI | |
| RESIDENCE & CITIZENSHIP | CITY AND STATE OR CITY AND FOREIGN COUNTRY Kyungsangbuk-do, Korea | COUNTRY OF CITIZENSHIP Korea |
| POST OFFICE ADDRESS | 120-506 Siyoung Apt., 368 Hyunggok-dong, Kumi-shi Kyungsangbuk-do, Korea | |
| FIRST OR SOLE INVENTOR'S SIGNATURE | <i>Komatsu Hiroshi</i> | DATE 1997.5.30 |
| FULL NAME OF SECOND INVENTOR | | |
| RESIDENCE & CITIZENSHIP | CITY AND STATE OR CITY AND FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP |
| POST OFFICE ADDRESS | | |
| SECOND INVENTOR'S SIGNATURE | DATE | |
| FULL NAME OF THIRD INVENTOR | | |
| RESIDENCE & CITIZENSHIP | CITY AND STATE OR CITY AND FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP |
| POST OFFICE ADDRESS | | |
| THIRD INVENTOR'S SIGNATURE | DATE | |

Listing of Inventors Continued on attached page(s) ☐ Yes ☒ No

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10-28-1997

REC



JET

100560095

Attorney Docket No.: 043694-5005

MRD 9-30-97

To the Commissioner of Patents and Trademarks:

Please record the attached original documents or copy thereof.

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies):

Komatsu HIROSHI

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No



2. Name and address of receiving party(ies):

Name:

LG ELECTRONICS INC.

Internal Address:

Street Address

20, Yoido-dong
Youngdungpo-ku, Seoul, Korea

City:

State:

Zip:

Additional name(s) & address(es) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: MAY 30, 1997

4. Application number(s) or patent number(s):

If this document is being filed together with a new application the execution date of the application is:

A. Patent Application No.(s) 08/832,980

B. Patent No.(s)

COPY

Additional numbers attached: ☐ Yes ☒ No

Name and address of party to whom correspondence concerning document should be mailed:

Name: Mr. Robert J. Gaybrick

Internal Address: Morgan, Lewis & Bockius LLP

Street Address: 1800 M Street, N.W.

City: Washington State: D.C. Zip: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R §3.41): \$40.00

☒ Enclosed

☐ Authorized to be charged to deposit account 13-4520

8. Deposit account number: 13-4520

Attach duplicate of page if paying by deposit account

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

J. MICHAEL THESZ

Name of Person Signing

Signature

SEPTEMBER 30, 1997

Date

Total number of pages including cover sheet, attachments and documents: 2

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

A LIQUID CRYSTAL DISPLAY

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on Apr. 4, (Serial No. _____); and

1997

WHEREAS, LG Electronics Inc., a corporation of Korea, whose post office address is _____

20, Yoido-dong, Youngdunpo-ku, Seoul, Korea

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 08/832,982 filed 4/4/97) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

| | | |
|--|--|-----------------------------|
| Full Name of Sole or First Assignor <u>Komatsu HIROSHI</u> | Assignor's Signature <u>Komatsu Hiroshi</u> | Date <u>1997.5.30</u> |
| Address <u>120-506 Siyoung Apt., 368 hyungyok-dong,</u> <u>Kumi-shi, Kyungsangbuk-do, Korea</u> | | Citizenship <u>Korea</u> |
| Full Name of Second Assignor | Assignor's Signature | Date |
| Address | | Citizenship |
| Names of additional inventors attached [] Yes [X] No | | |

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